

Mab HU177 Reactivity (O.D 490nm)

Figure 1

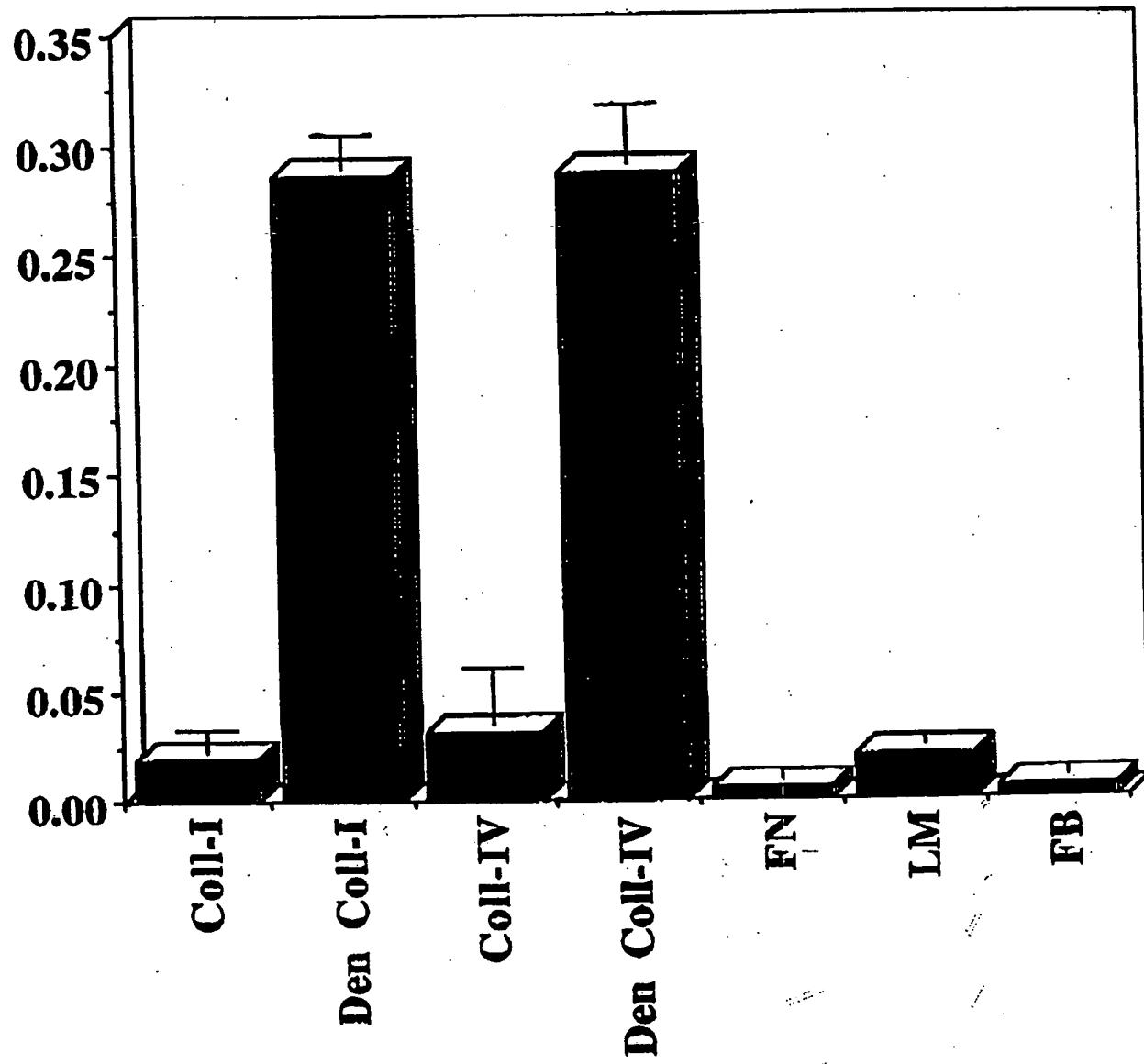
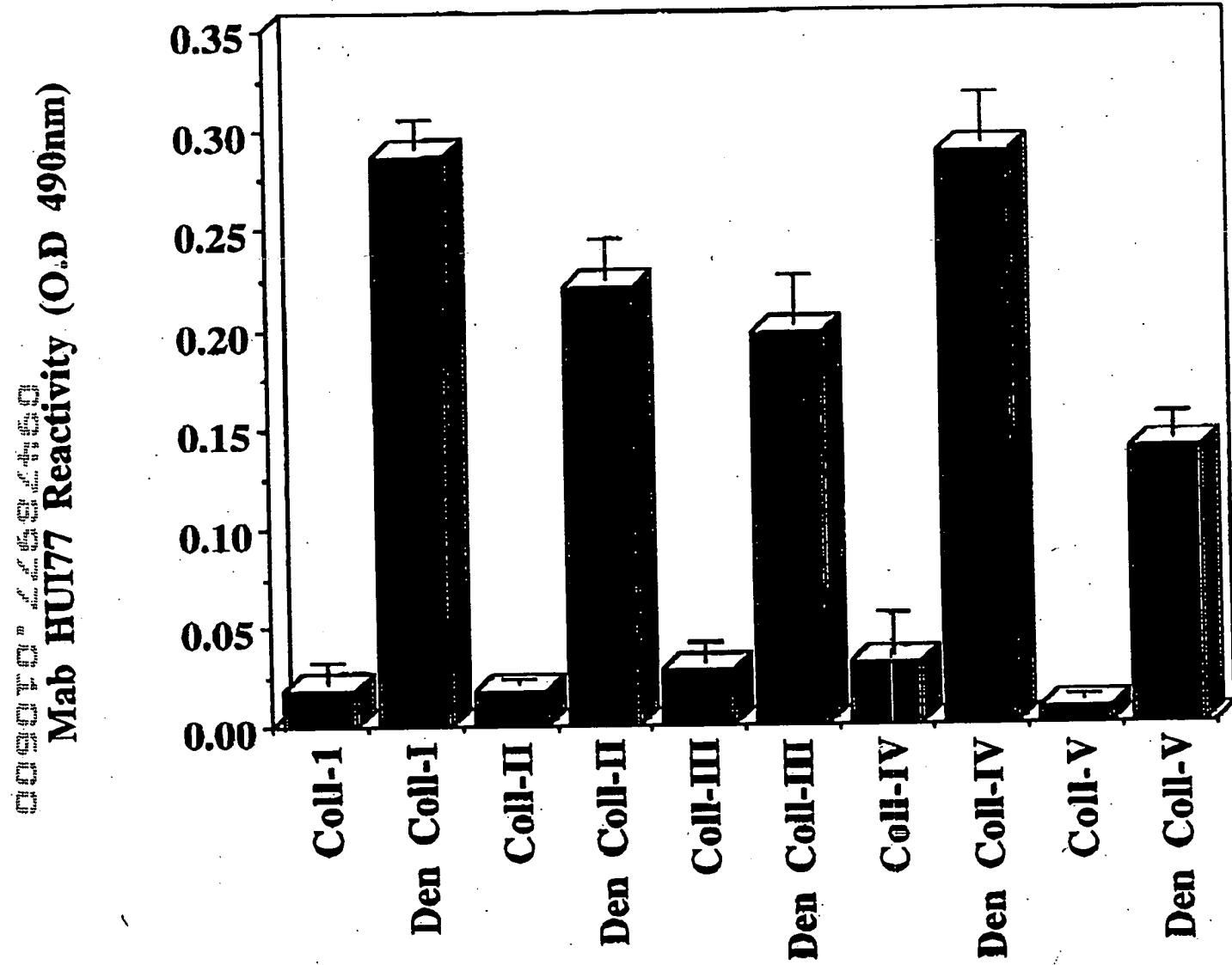
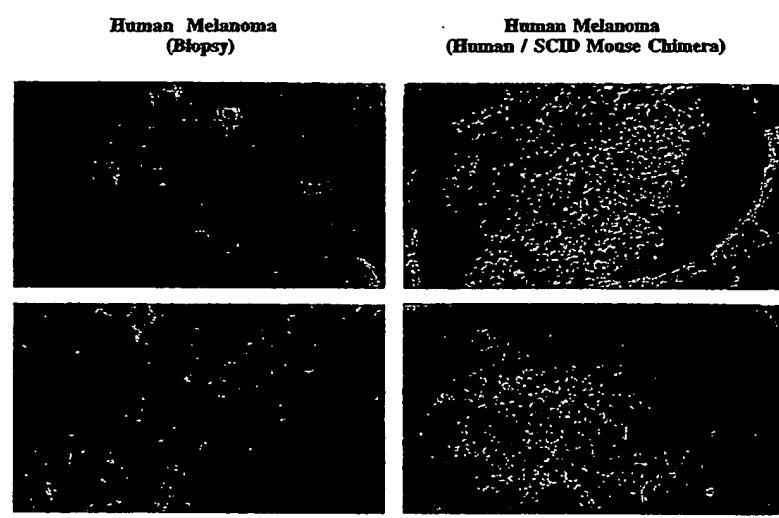


Figure 2



**Figure 3**



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**Figure 4**

**Human Melanoma Biopsy**

**Anti-Factor VIII  
(Polyclonal Ab)**



**Anti-Denatured Collagen  
(Monoclonal Ab HUI77)**



Figure 5

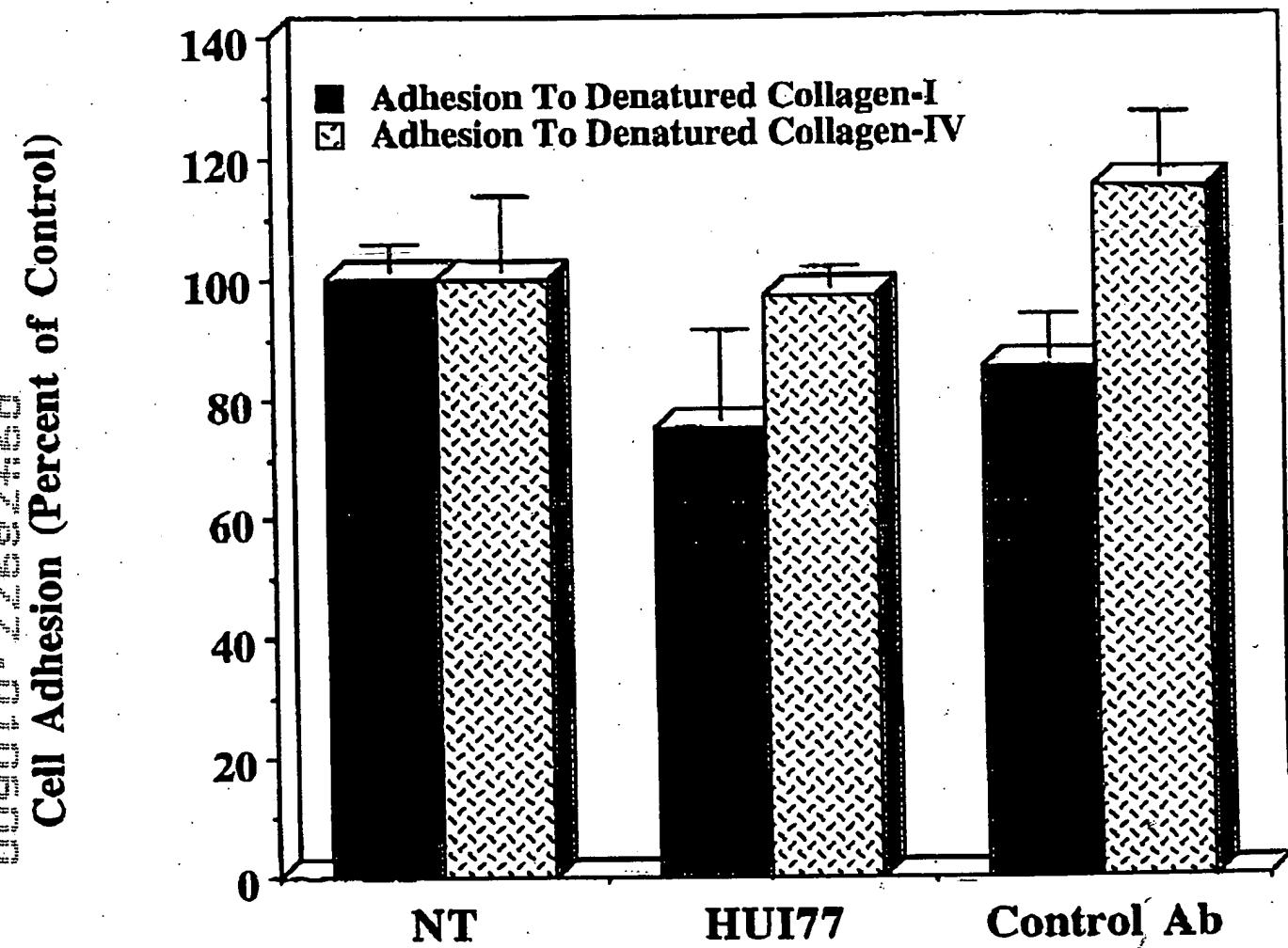
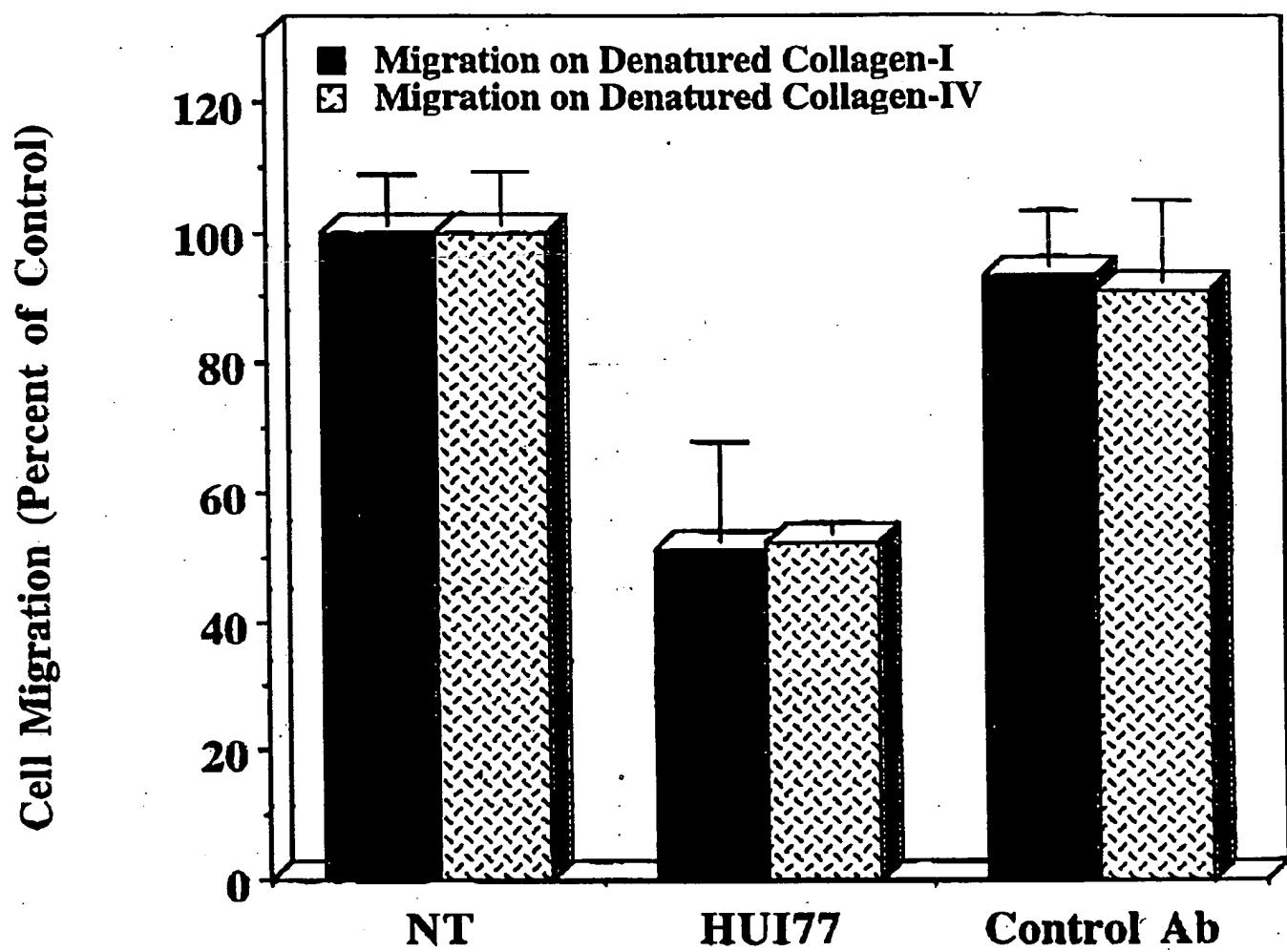


Figure 6



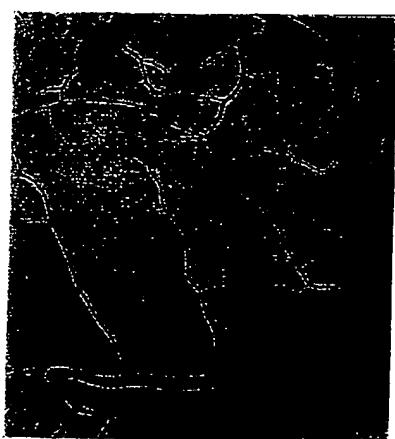
**Figure 7**

## **Chick CAM Angiogenesis Assay**

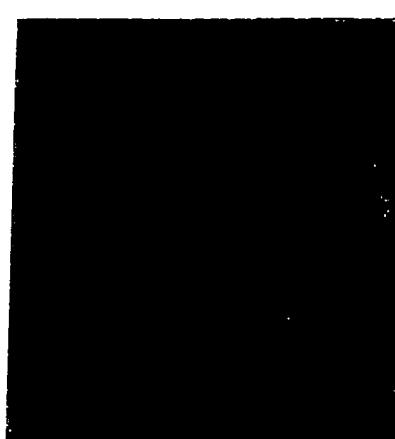
### No Treatment



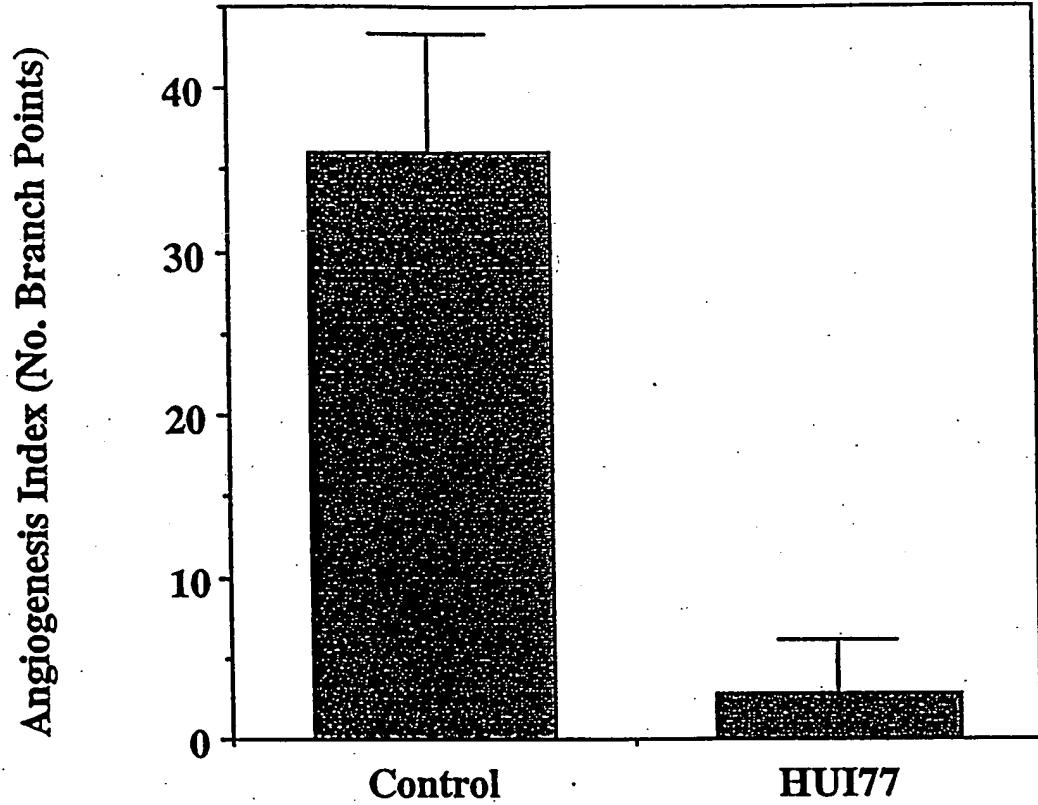
bFGF



bFGF + Mab HUI77



**Figure 8**



**Figure 9**

**CS-1 Melanoma Tumor Assay**

**Control**



**Mab HUI77**



**Figure 10**

**CS-1 Melanoma Tumor Growth**

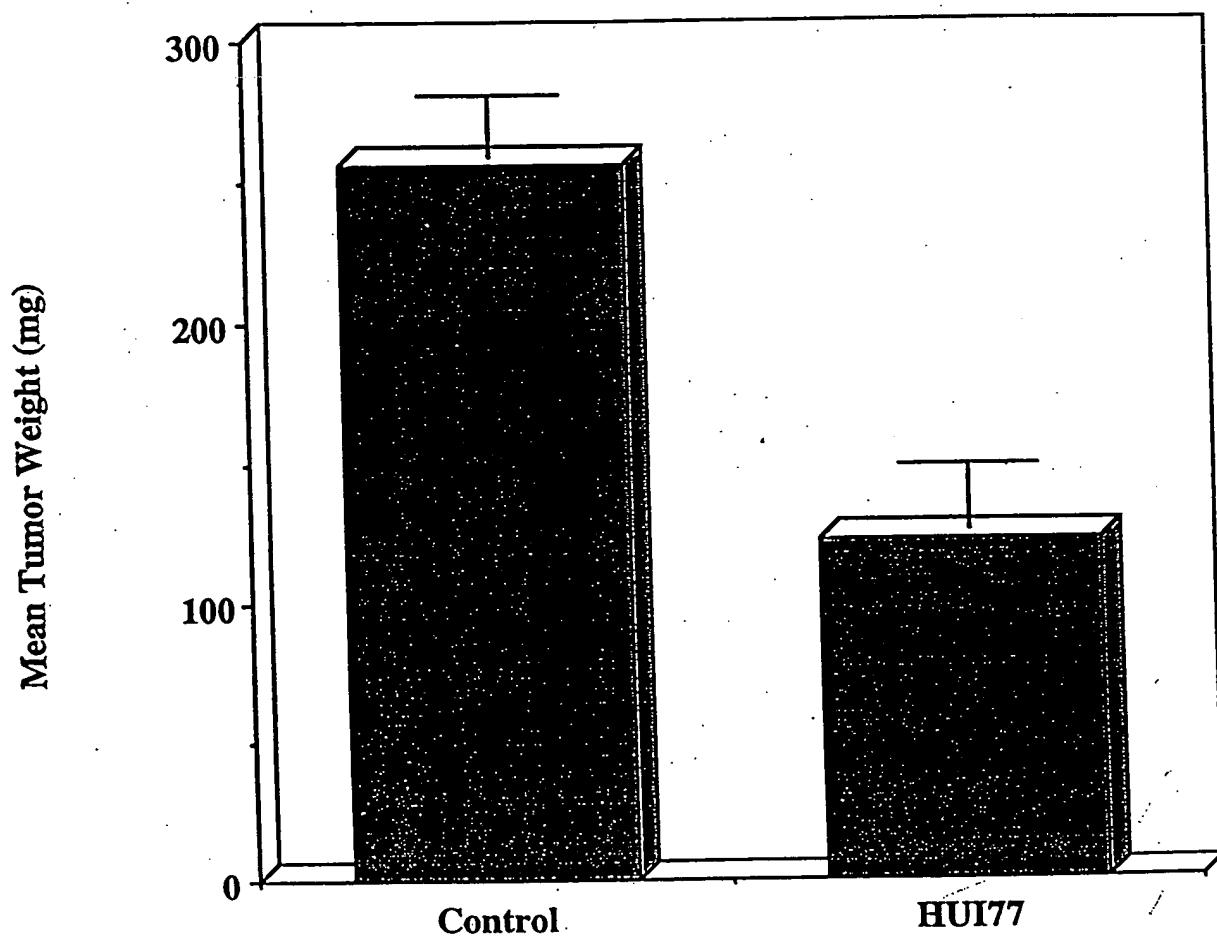
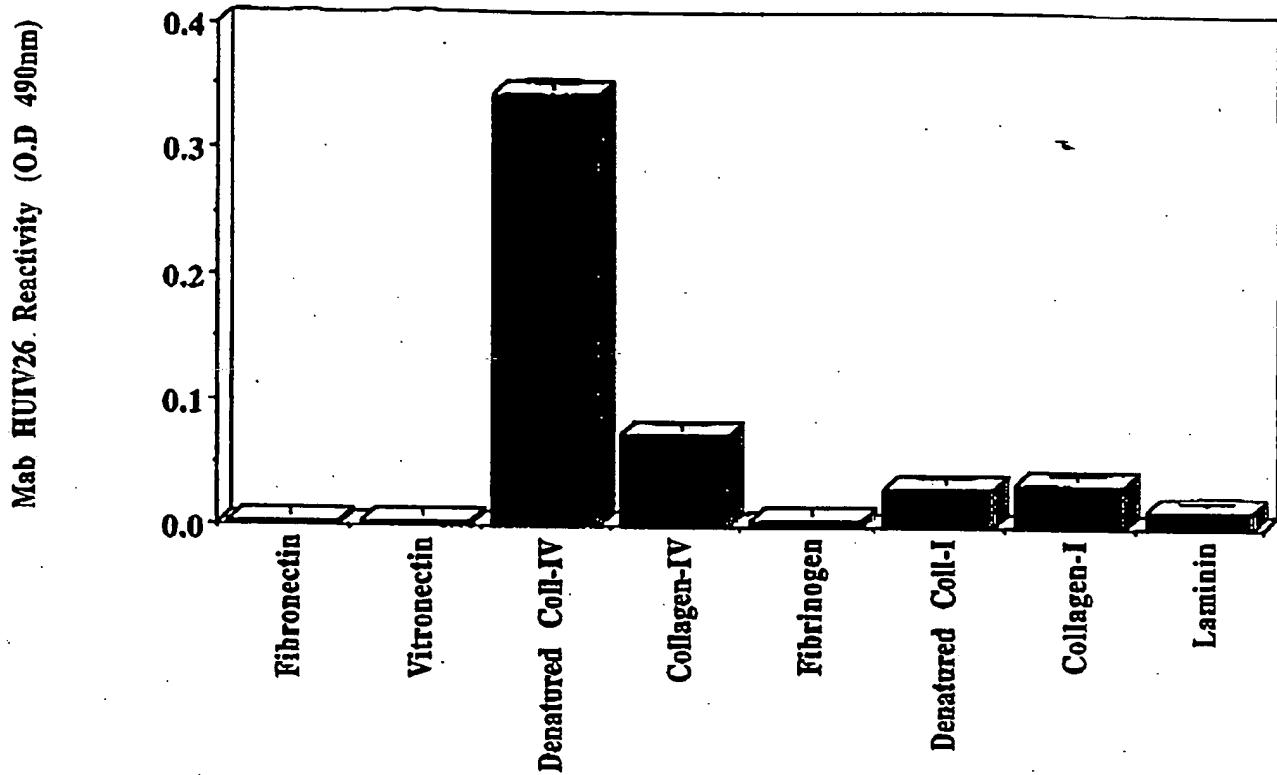


Figure 11

A.



B.

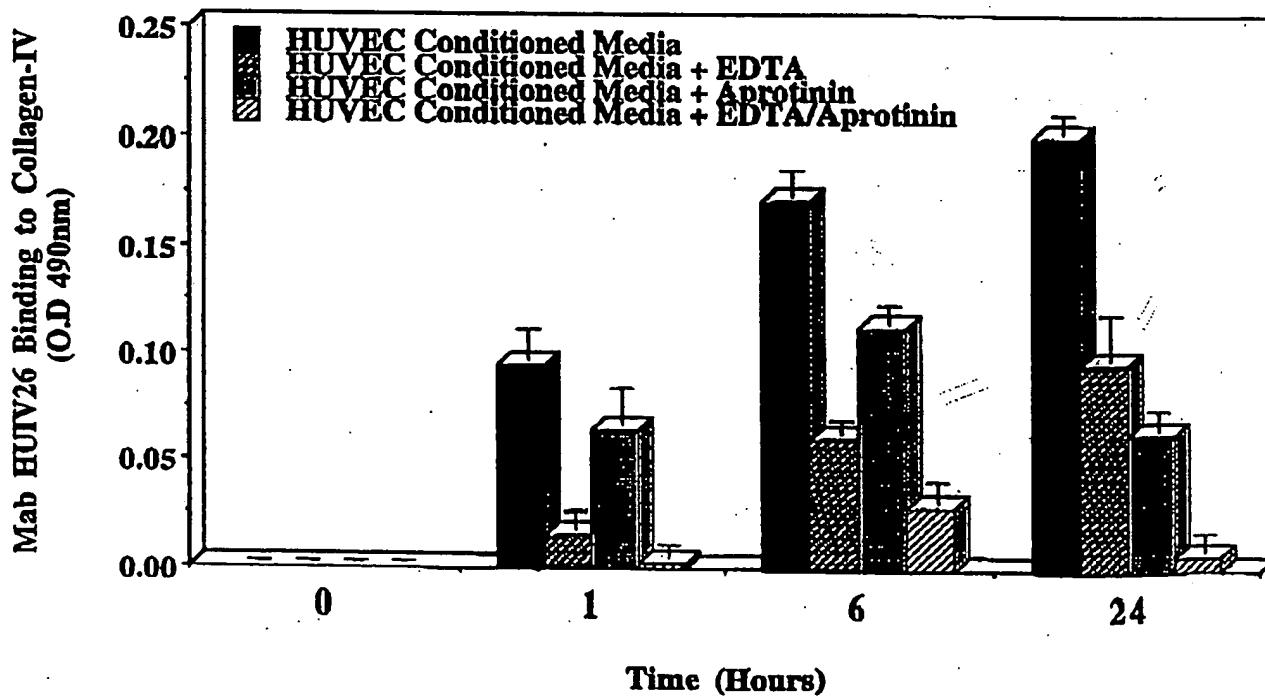
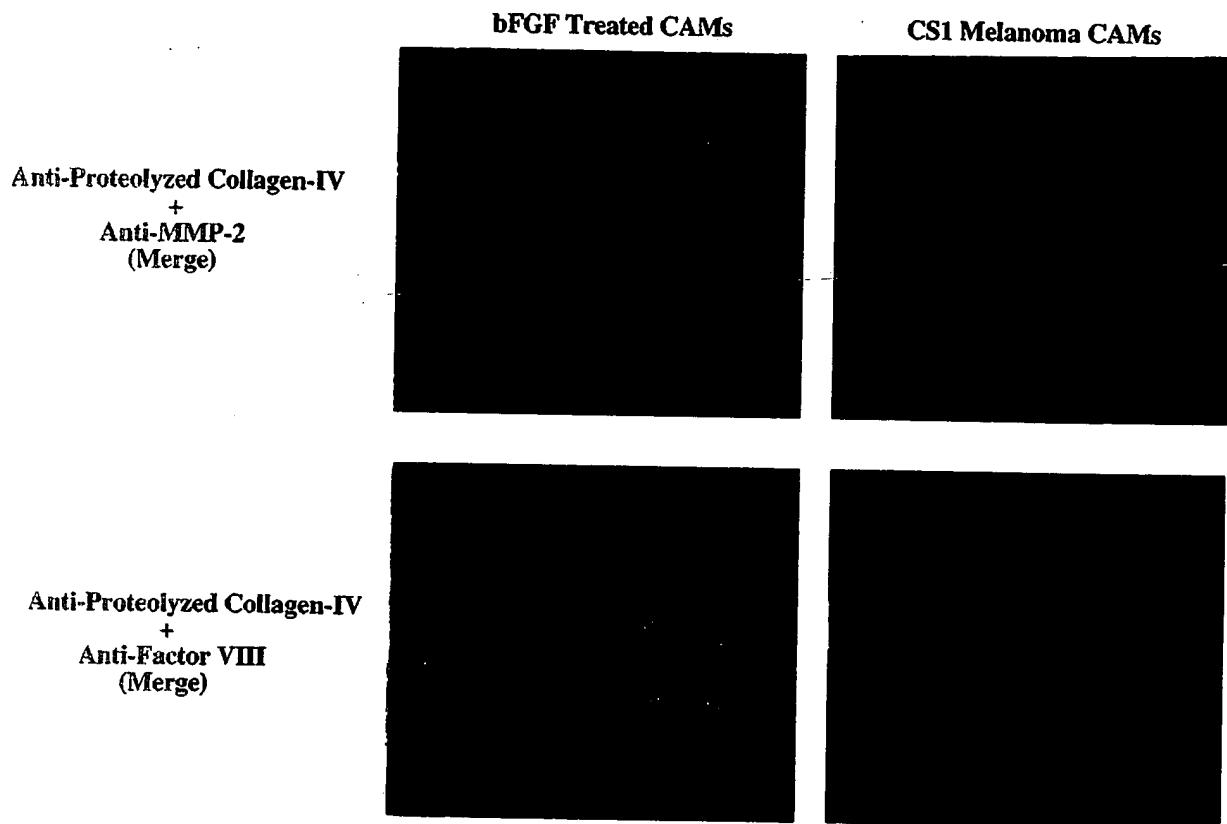


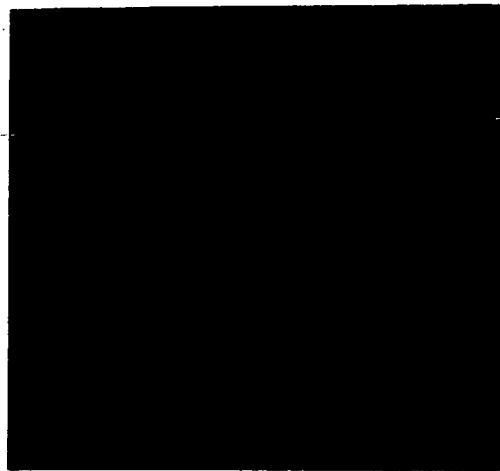
Figure 12



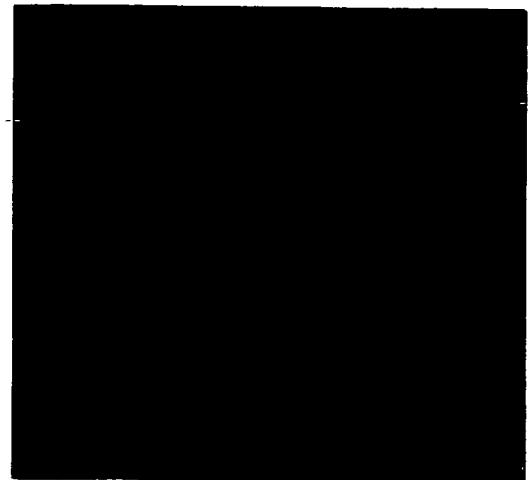
**Figure 13**

**Human Melanoma Tumor Biopsy**

**Anti-Factor VIII  
(Polyclonal Ab)**



**Anti-Denatured Coll-IV  
(Mab HUIV26)**



**Co-Staining of Human Melanoma Biopsy  
(Anti-Factor VIII / Anti-Denatured Coll-IV)**

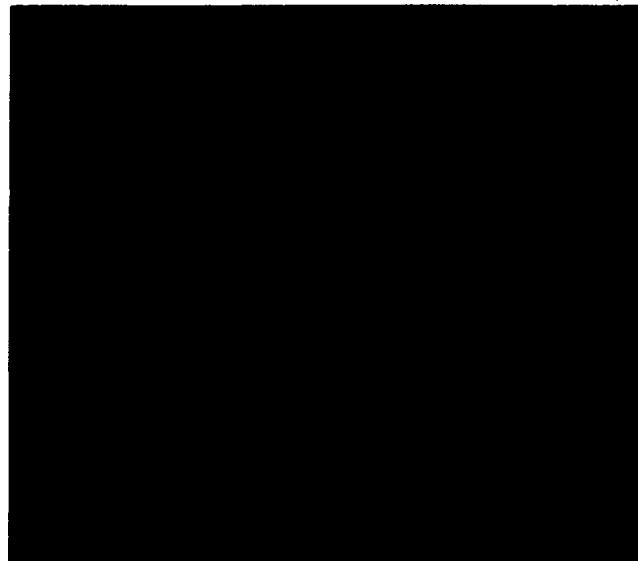


Figure 14

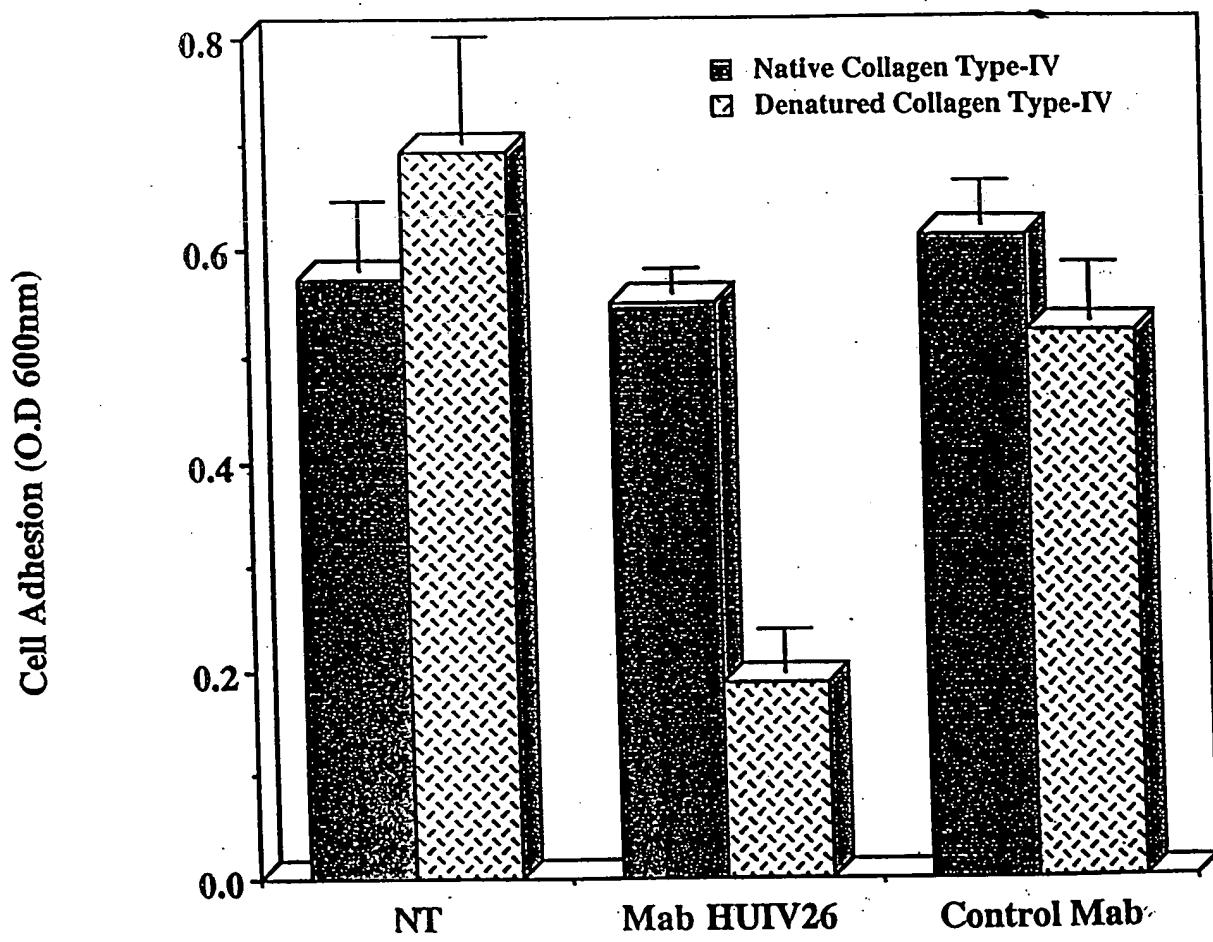
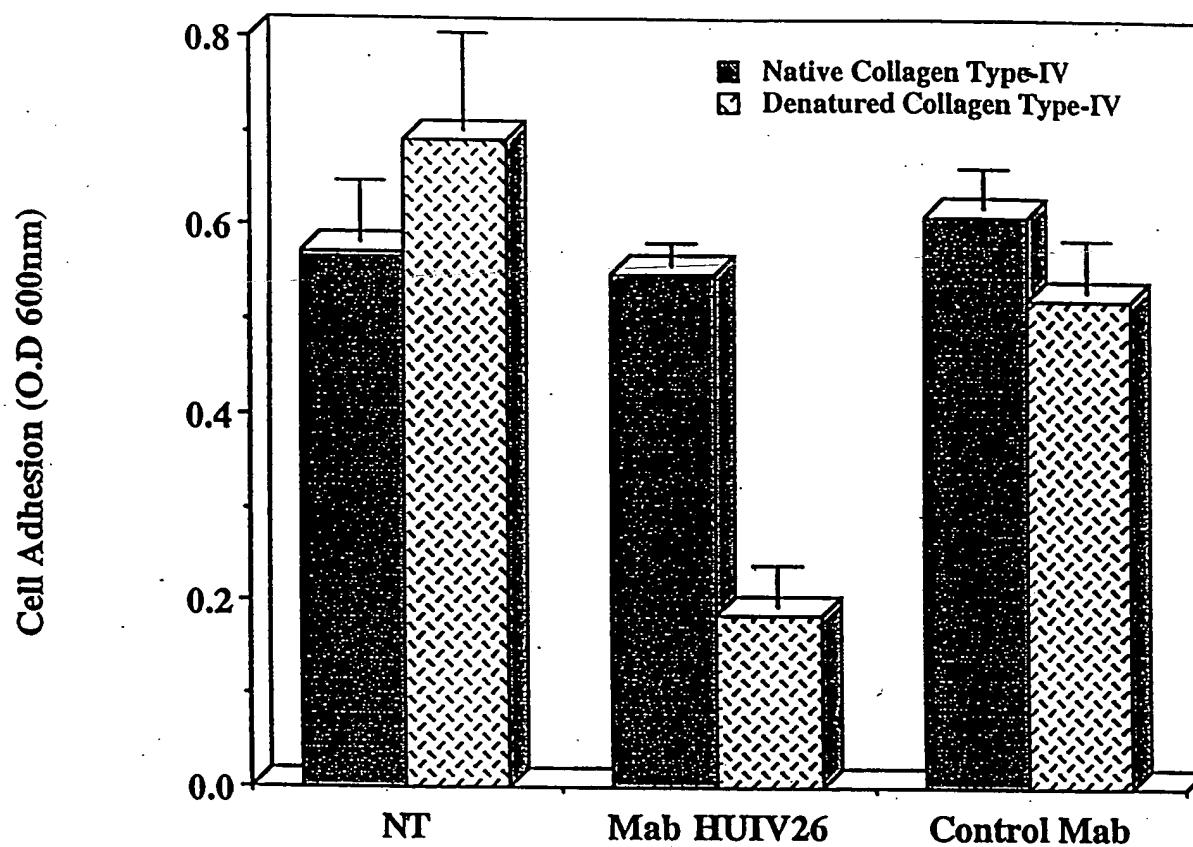


Figure 15



**Figure 16**

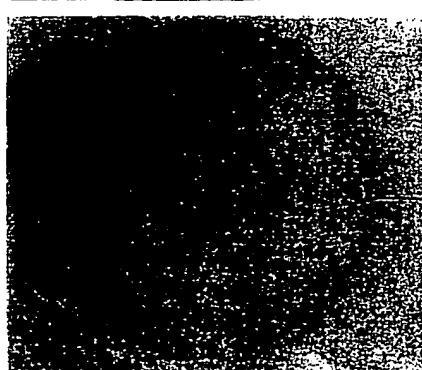
**N0 bFGF**



**bFGF**



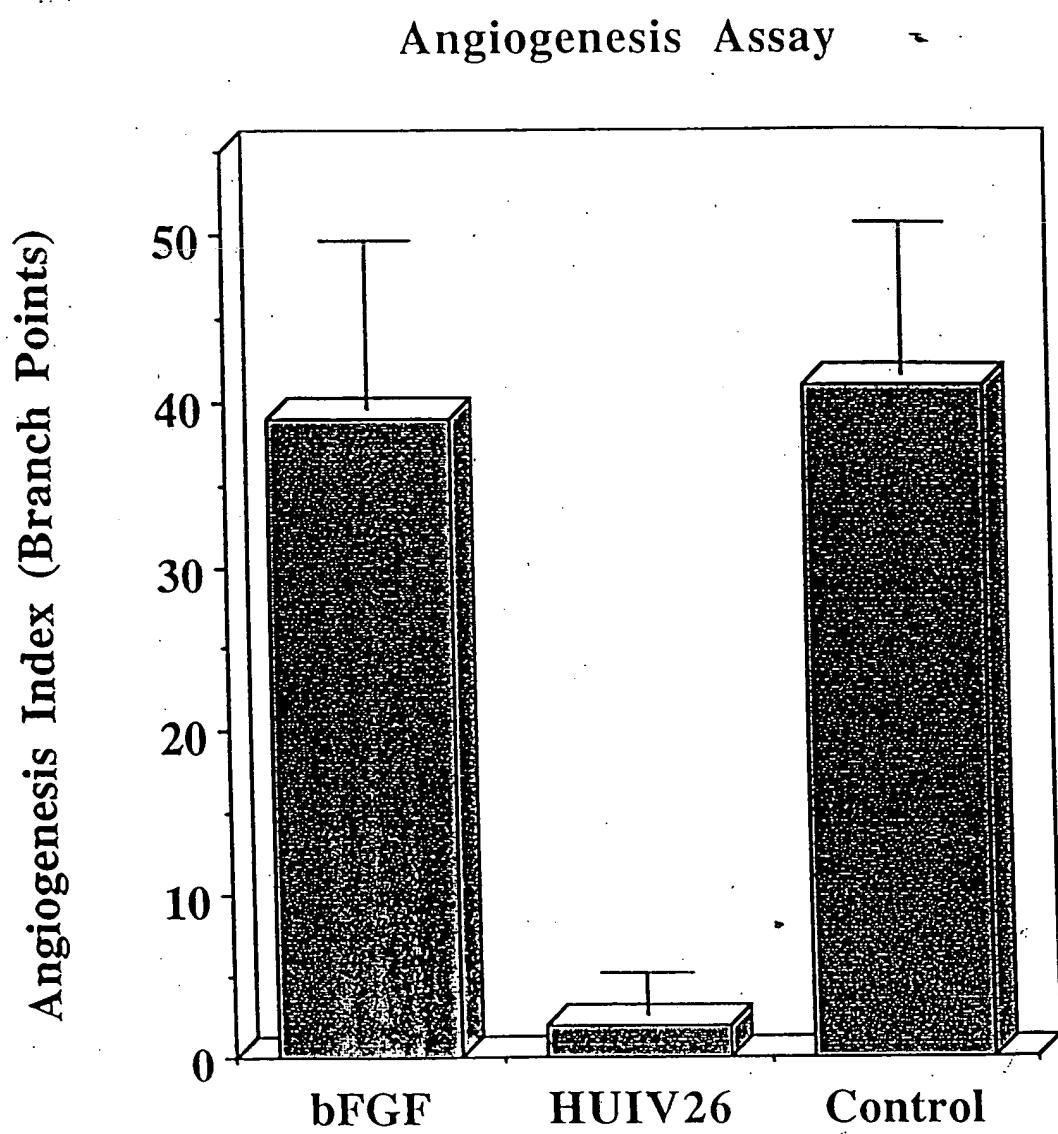
**bFGF  
+  
HUIV26**



**bFGF  
+  
Control**



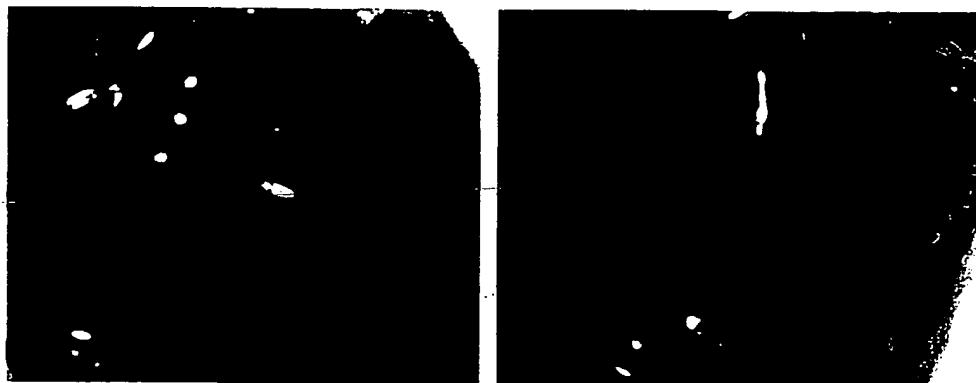
Figure 17



**Figure 18**

## **CS-1 Melanoma Tumor Growth In The Chick CAM**

### **Control Mab**



## HUIV26 Mab

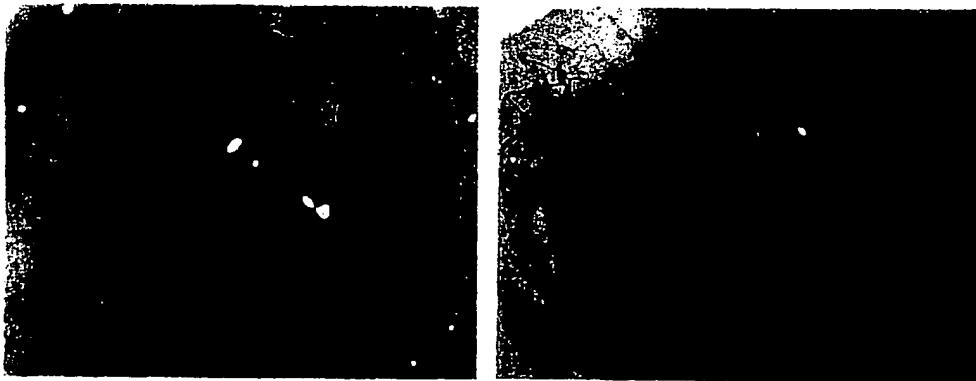
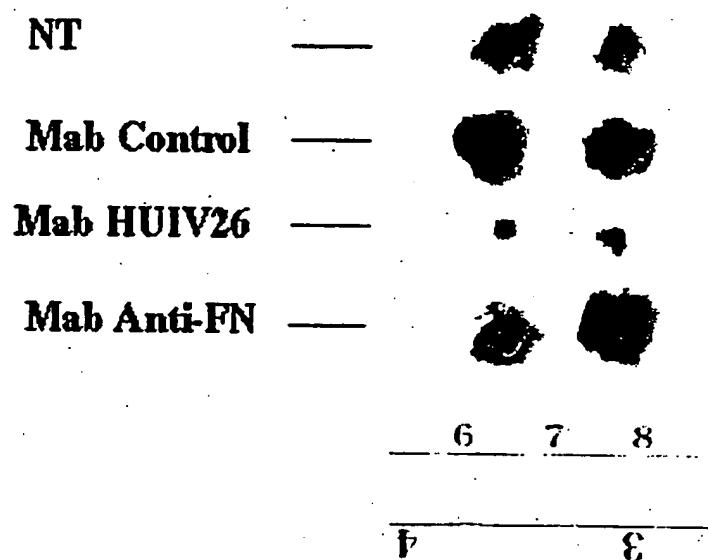


Figure 19

**CS1 Melanoma Tumor Growth**



**Figure 20**

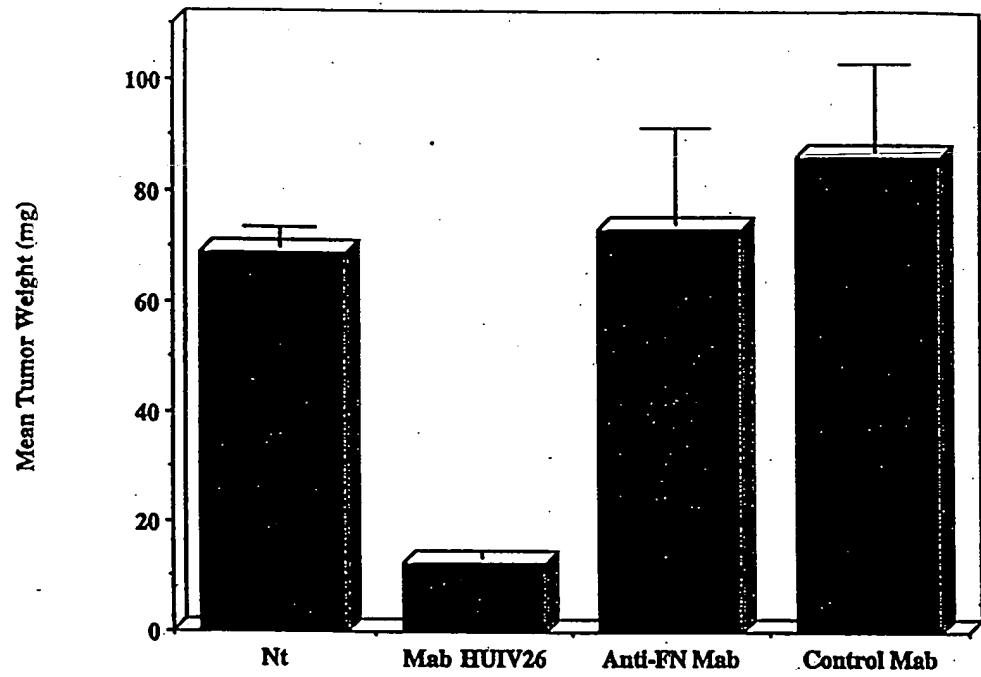


Figure 21

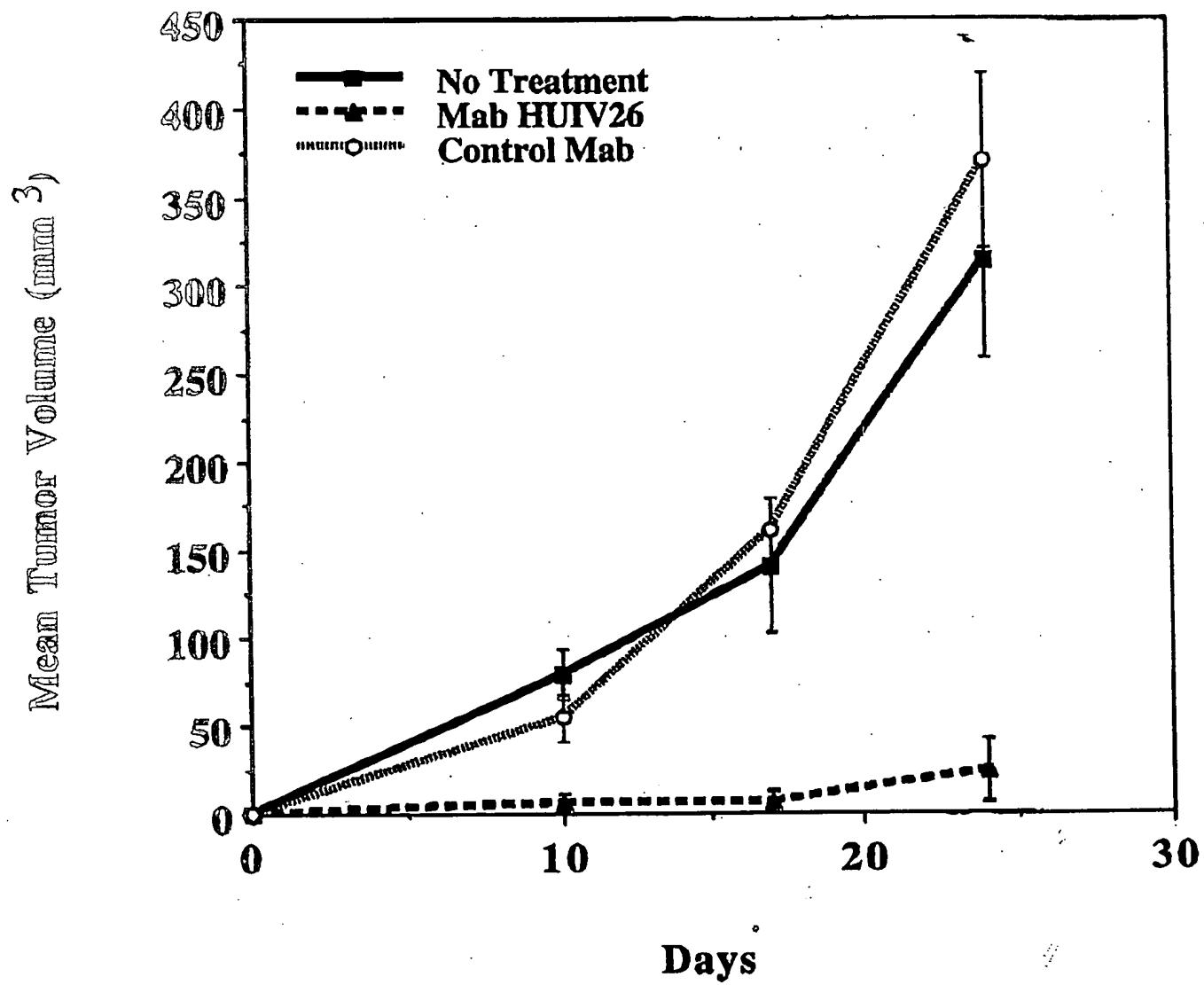
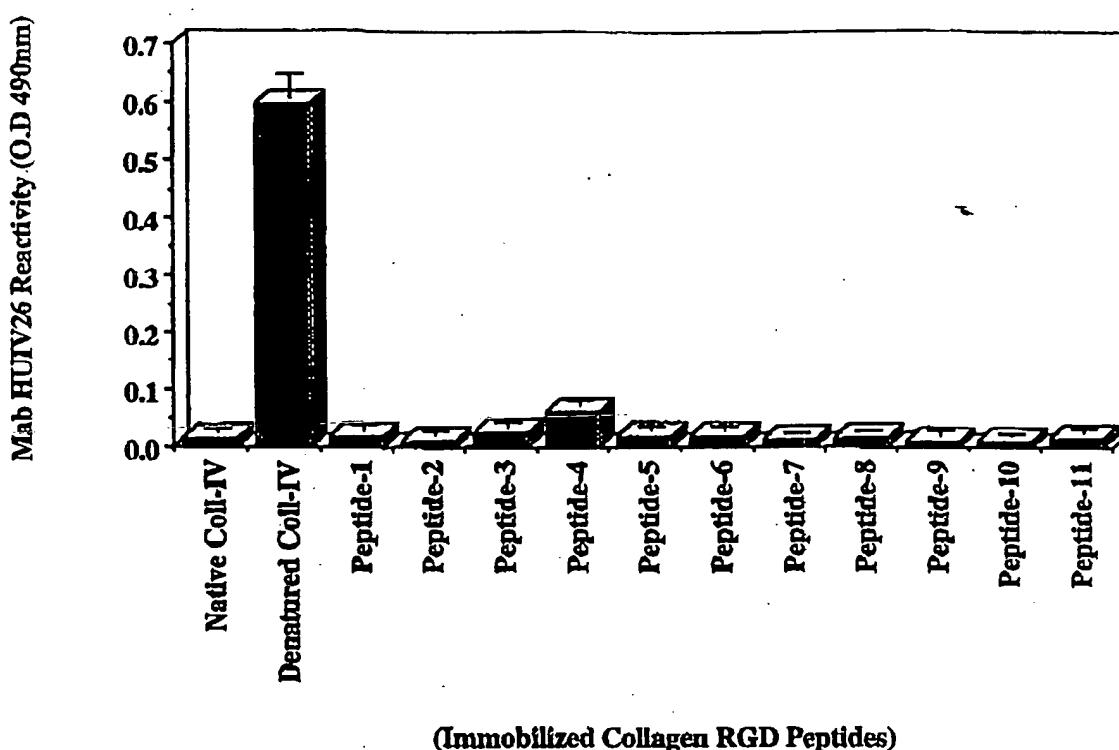
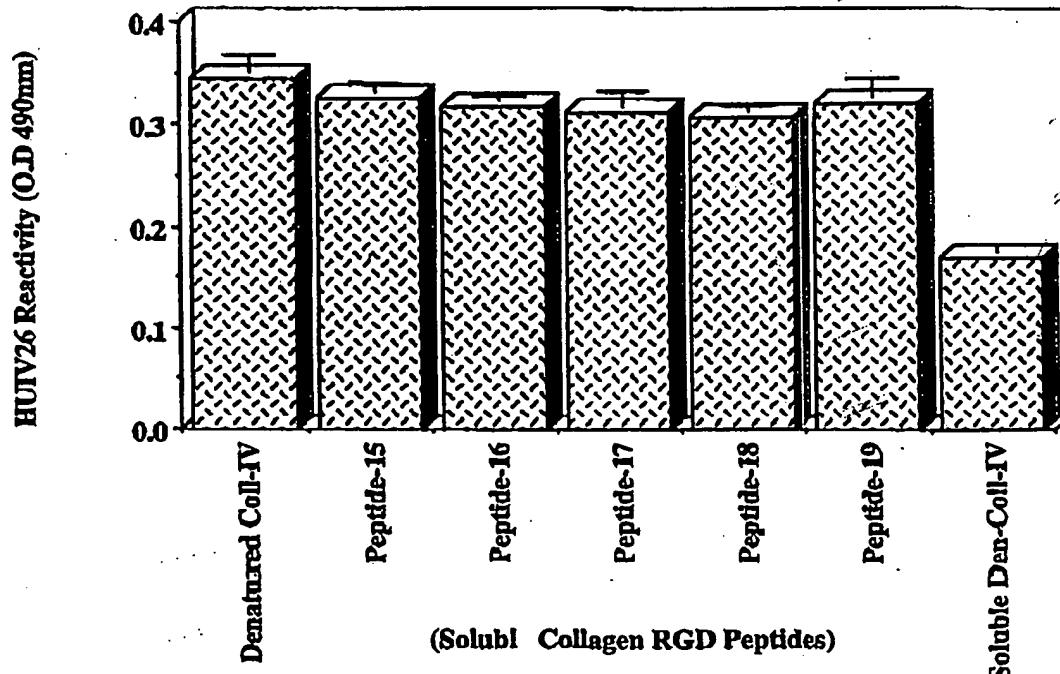


Figure 22

A.

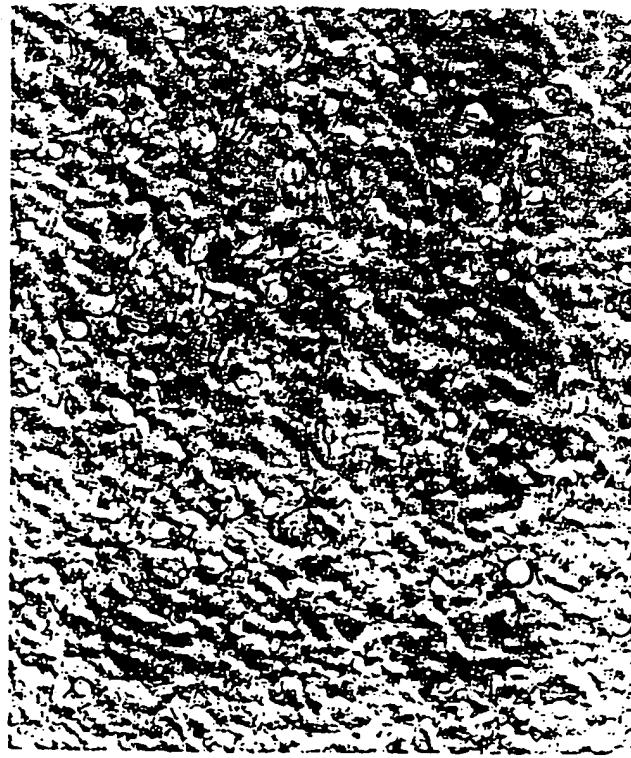


B.



## HUVEC Cord Formation

Native Collagen



Heat Denatured Collagen

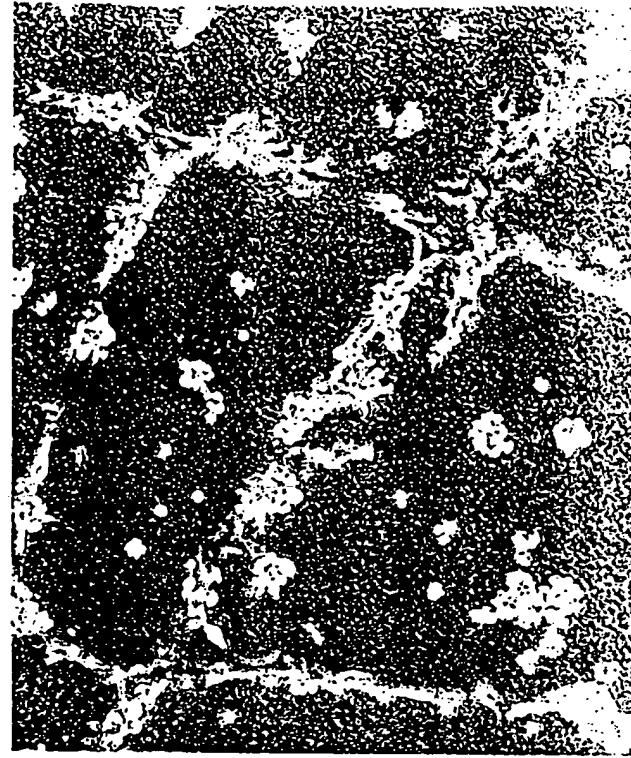


Figure 23

**Figure 24**

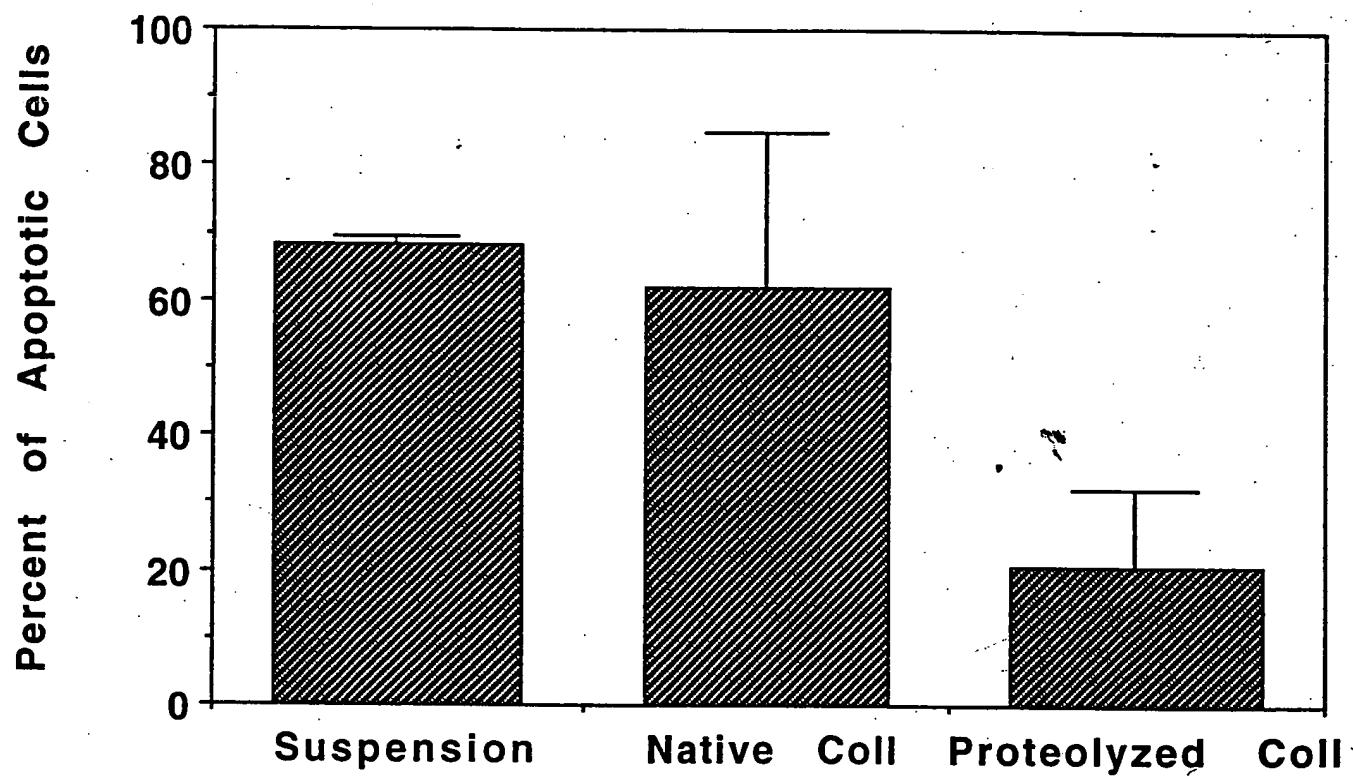
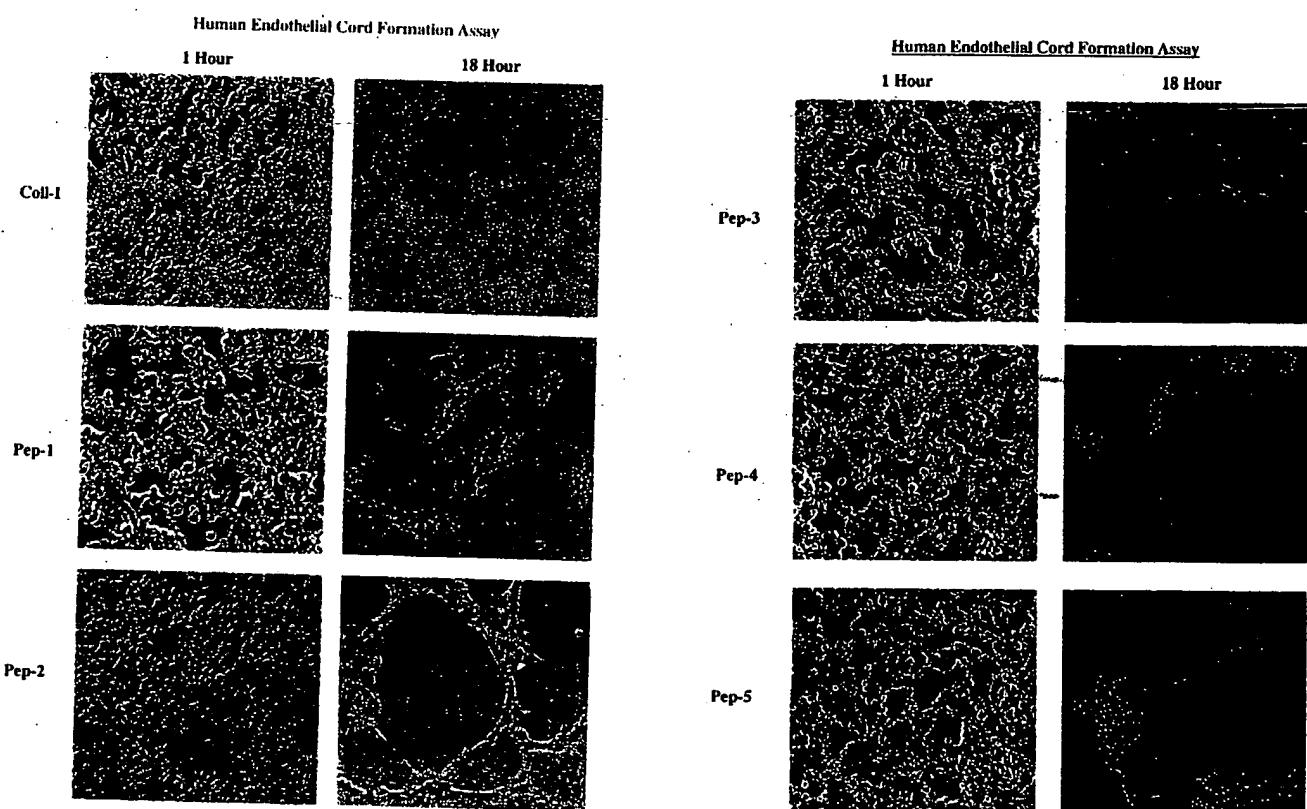


Figure 25

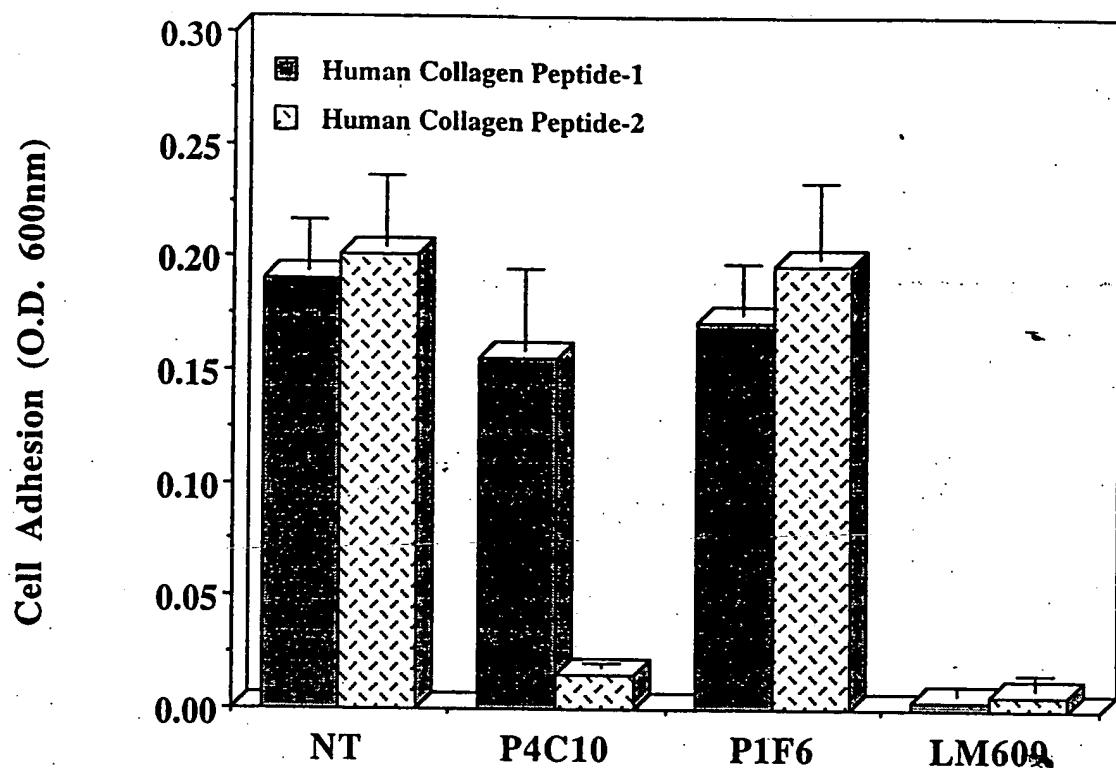


#### Effects of Cryptic Collagen Domains on Endothelial Cord Formation

Flexible millipore membranes were coated with either native collagen-I (Coll-I) or collagen Peptides 1 through 5. Human endothelial cells were allowed to attach to the coated membranes for either 1 or 18 hours. Representative photographs of cord formation.

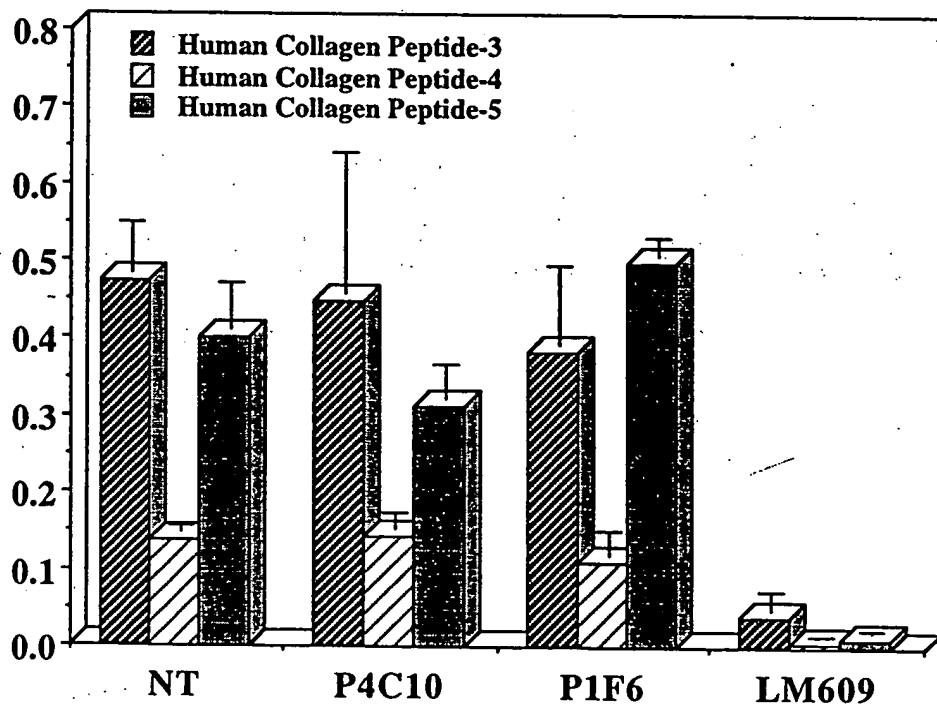
A.

Figure 26



B.

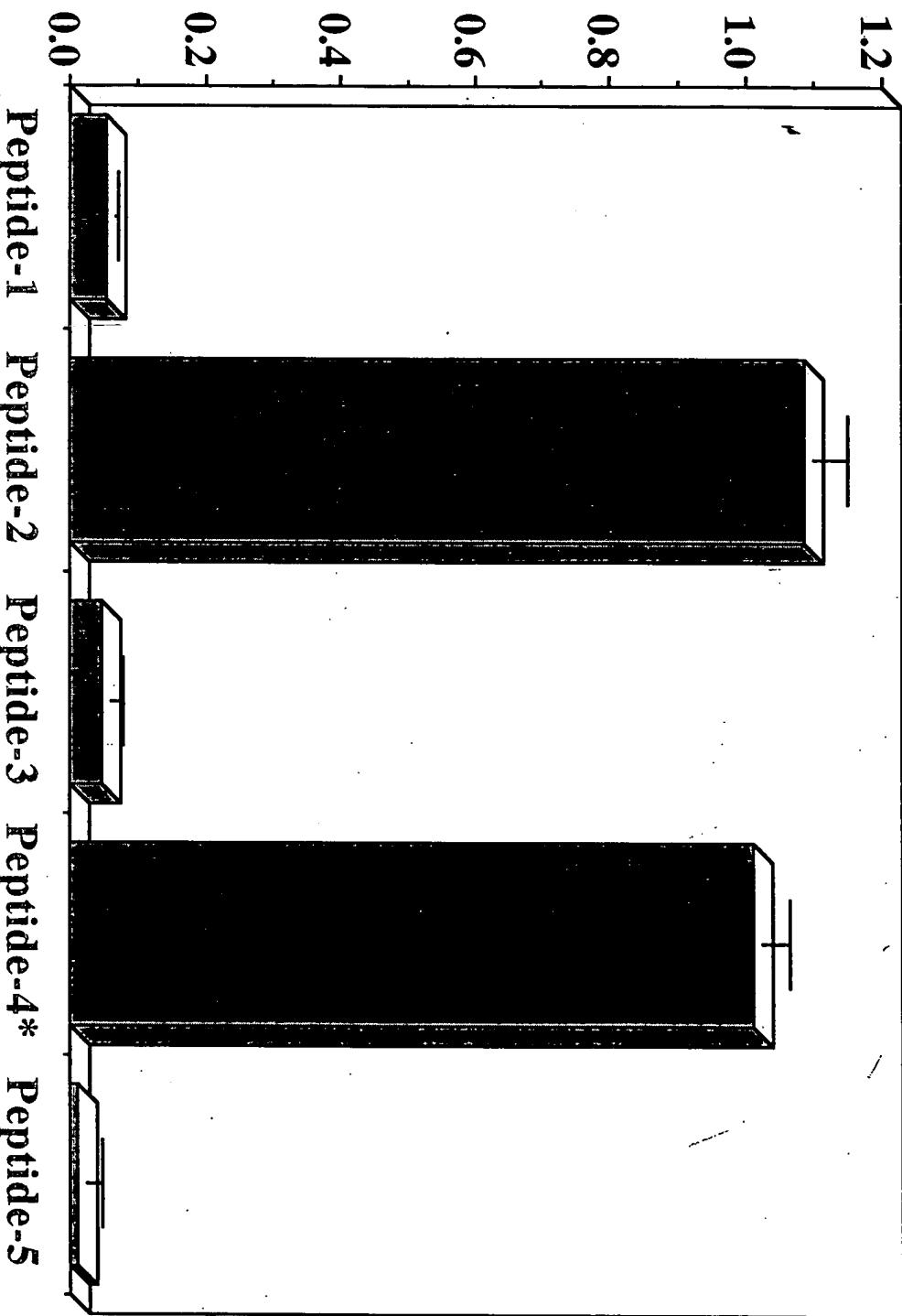
Cell Adhesion (O.D. 600nm)



Mab XL313 Reactivity to Human Collagen-I Peptides

Figure 27

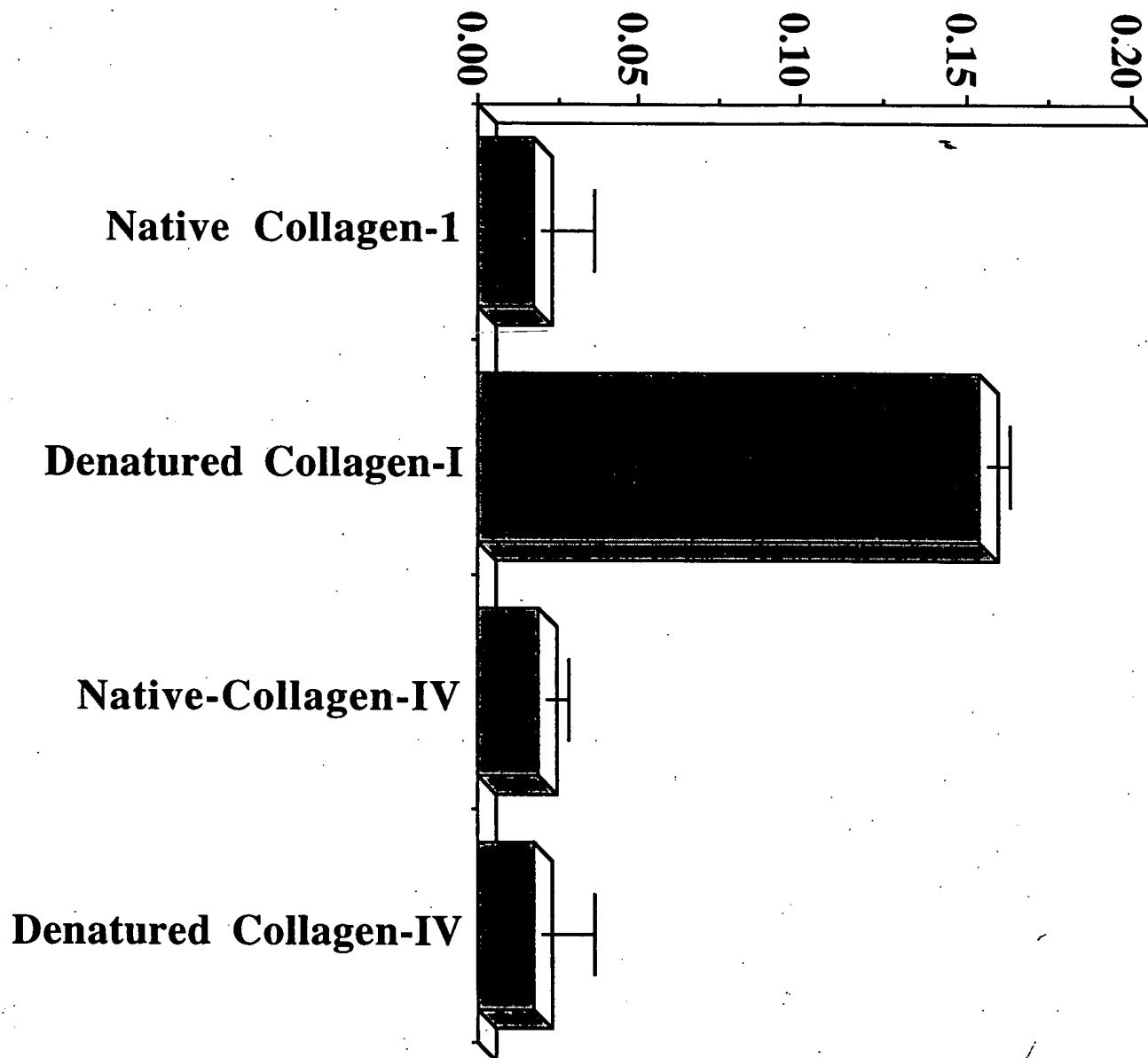
Mab XL313 Reactivity (O.D 490nm)



\* Peptide-4 not present in mature collagen-I

Figure 28

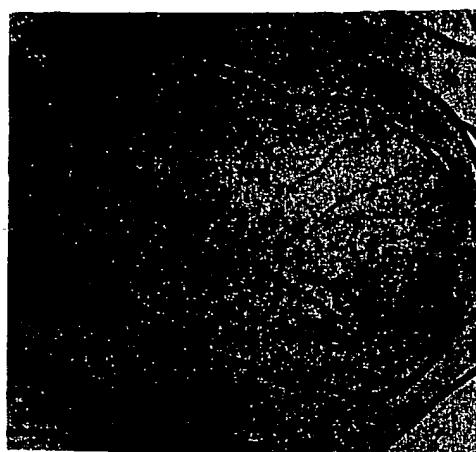
Mab XL313 Reactivity (O.D. 490nm)



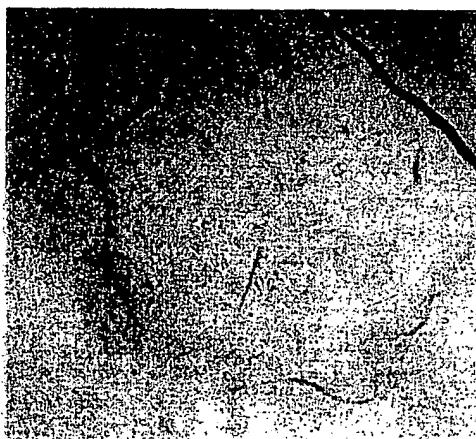
**Figure 29**

## **bFGF Induced Angiogenesis in the Chick CAM**

bFGF



## bFGF + Mab XL313



### **bFGF + Mab Control**

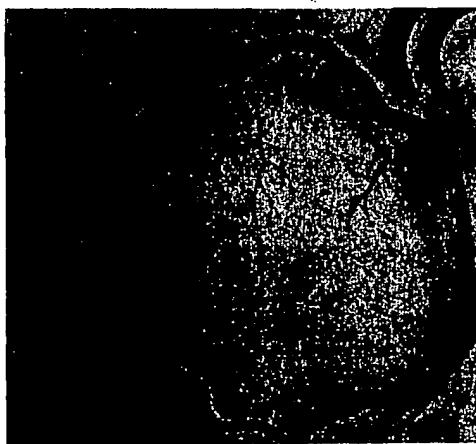
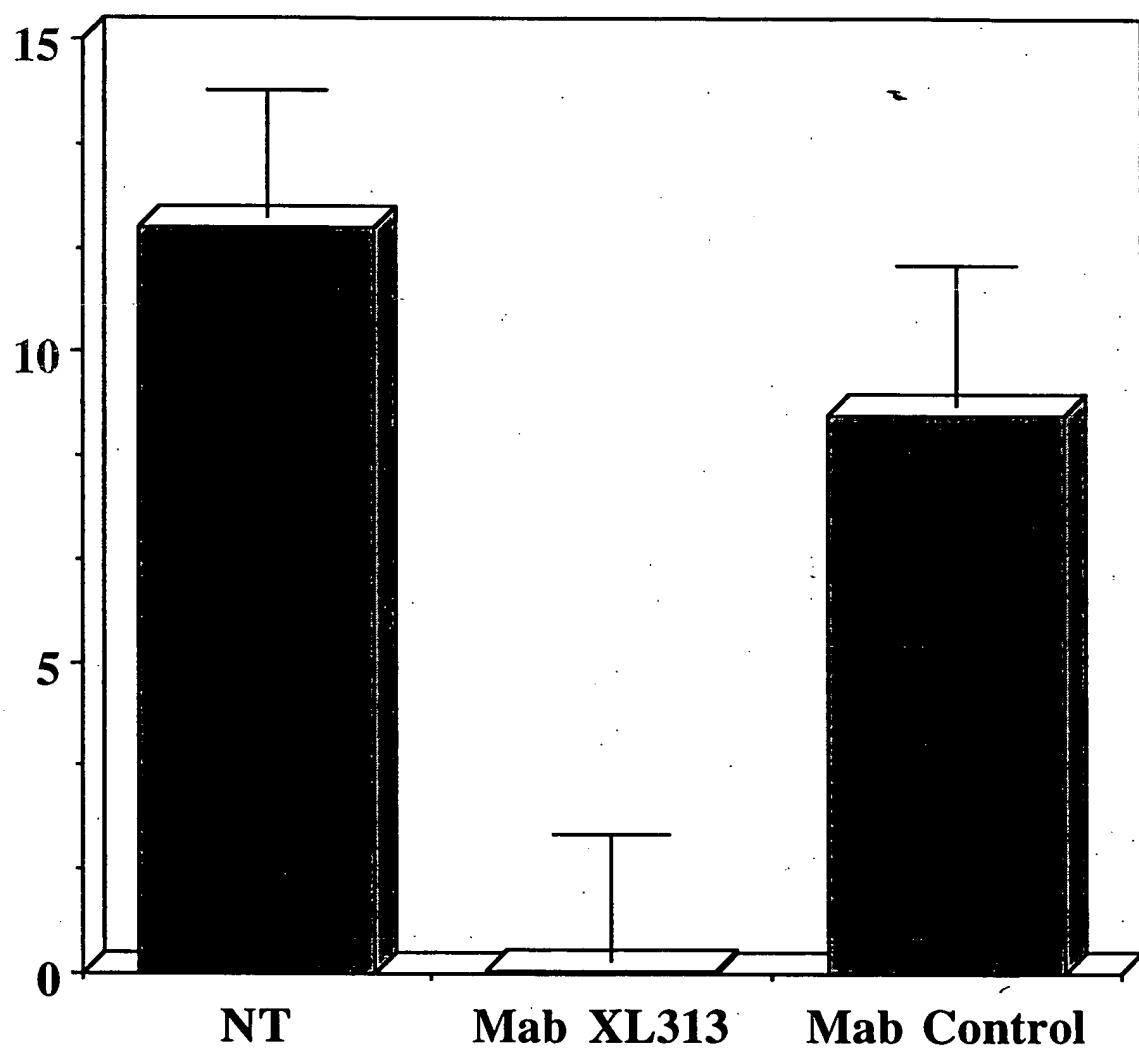


Figure 30

Chick CAM Angiogenesis Assay

Angiogenesis Index (No. Branch Points)



CLINICAL IMMUNOTHERAPY

Mean Tumor Weight (mg)

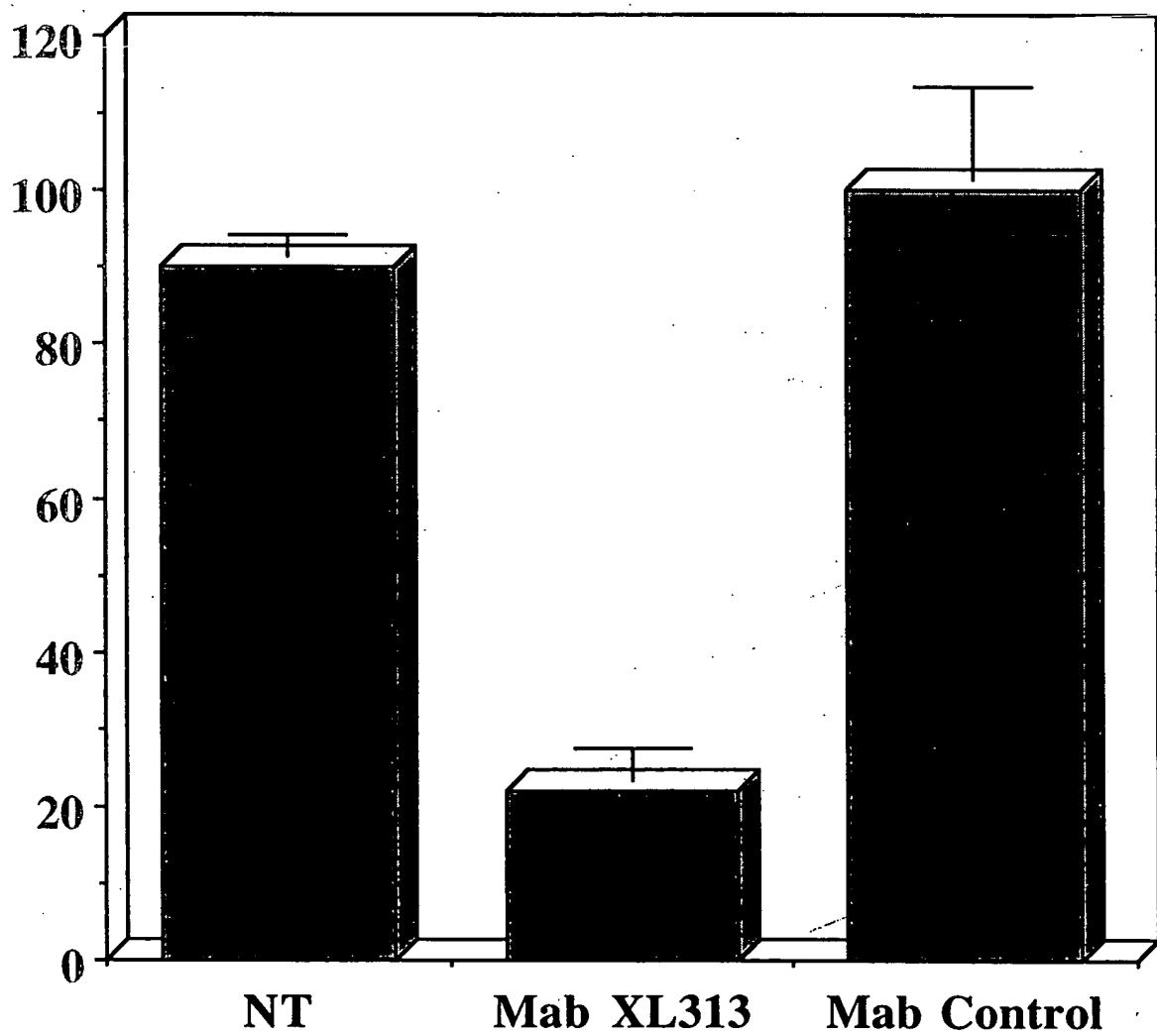
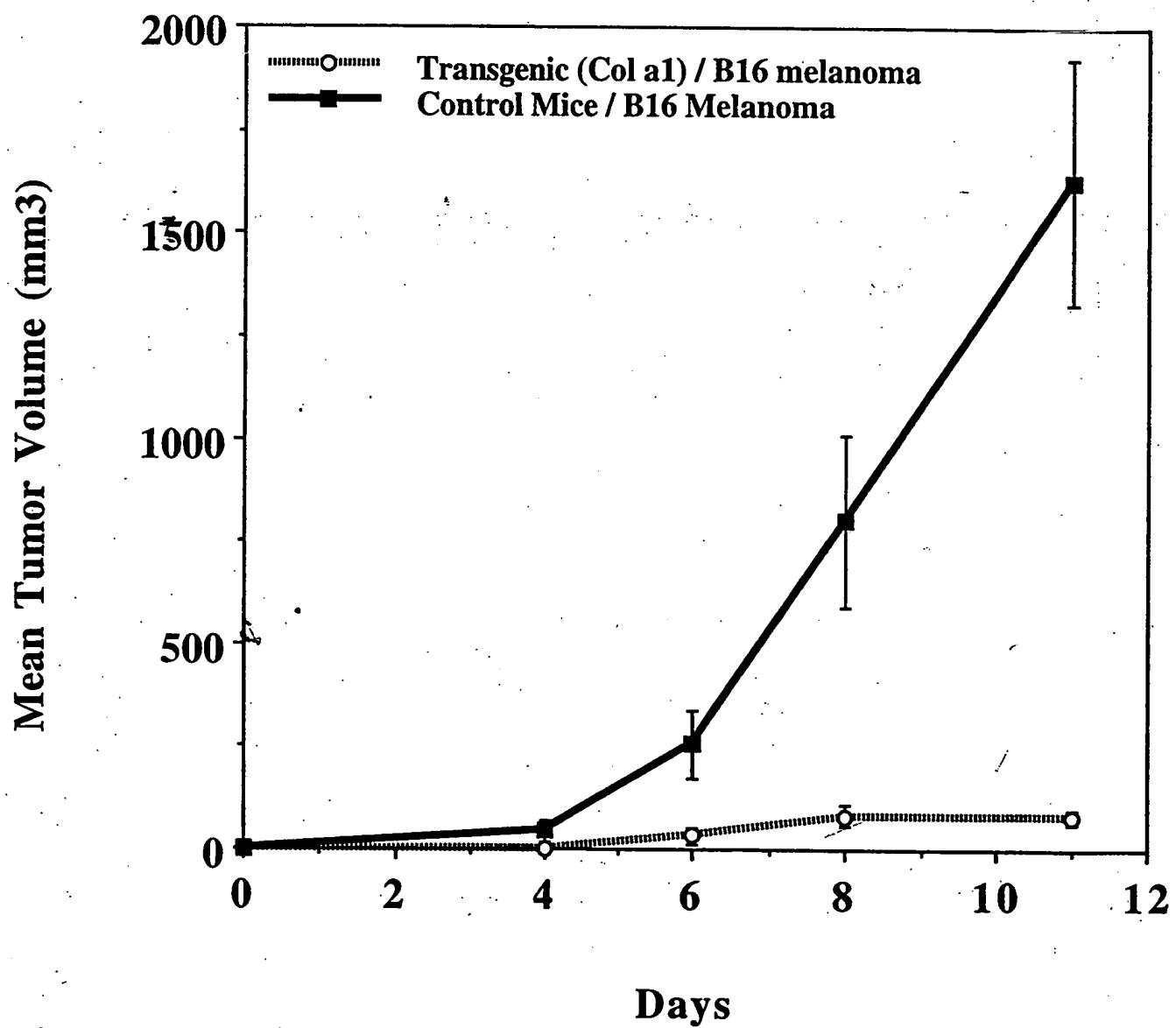


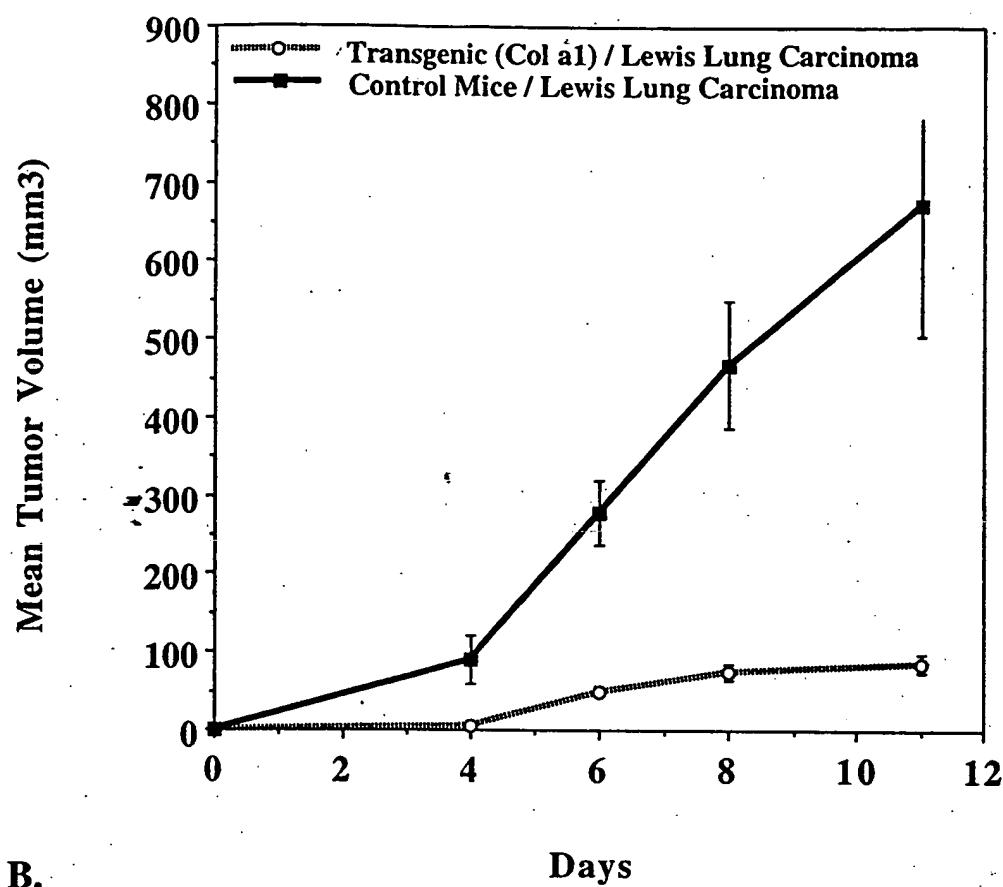
Figure 32

B.



A.

FIGURE 33



B.

